

Amendments to the Claims:

This listing of claims will replace all previous version, and listings, of claims in this application.

Listing of Claims:

Claims 1-3 (Cancelled).

4. (Currently amended) A compound ~~which is selected from the group consisting of:~~
3-Amino-6-{4-[3-(dicyclobutylamino)propyl]phenyl}-*N*-pyridin-3-ylpyrazine-2-carboxamide
hydrochloride;
~~as a free base or an alternative~~ a free base thereof, and a pharmaceutically acceptable salt thereof
of said free base.

Claims 5-6 (Cancelled).

7. (Previously amended) A pharmaceutical formulation comprising as active ingredient a therapeutically effective amount of a compound according to claim 4 in association with pharmaceutically acceptable carriers or diluents.

Claims 8 to 14. (Cancelled).

15. (Withdrawn/presently amended) A method of prevention and/or treatment of conditions associated with glycogen synthase kinase-3, comprising administering to a mammal, including man in need of such prevention and/or treatment, a therapeutically effective amount of a compound ~~of formula I as defined in any one of claims 1 to~~ claim 4.

16. (Withdrawn/presently amended) A method of prevention and/or treatment of dementia, Alzheimer's Disease, Parkinson's Disease, Frontotemporal dementia Parkinson's Type, Parkinson dementia complex of Guam, HIV dementia, diseases with associated neurofibrillar tangle pathologies and dementia pugilistica, comprising administering to a mammal, including man in need of such prevention and/or treatment, a therapeutically effective amount of a compound of ~~of formula I~~ as defined ~~in any one of claims 1 to~~ claim 4.

17. (Withdrawn) The method according to claim 16, wherein the disease is Alzheimer's Disease.

18. (Withdrawn/presently amended) A method of prevention and/or treatment of amyotrophic lateral sclerosis, corticobasal degeneration, Down syndrome, Huntington's Disease, postencephalitic parkinsonism, progressive supranuclear palsy, Pick's Disease, Niemann-Pick's Disease, stroke, head trauma and other chronic neurodegenerative diseases, Bipolar Disease, affective disorders, depression, schizophrenia, cognitive disorders, hair loss and contraceptive medication, comprising administering to a mammal, including man in need of such prevention and/or treatment, a therapeutically effective amount of a compound ~~of formula I~~ as defined ~~in any one of claims 1 to~~ claim 4.

19. (Withdrawn/presently amended) A method of prevention and/or treatment of predemented states, Mild Cognitive Impairment, Age-Associated Memory Impairment, Age-Related Cognitive Decline, Cognitive Impairment No Dementia, mild cognitive decline, mild neurocognitive decline, Late-Life Forgetfulness, memory impairment and cognitive impairment, vascular dementia, dementia with Lewy bodies, Frontotemporal dementia and androgenetic alopecia and Type I and Type II diabetes, diabetic neuropathy and diabetes related disorders, comprising administering to a mammal, including man in need of such prevention and/or treatment, a therapeutically effective amount of a compound ~~of formula I~~ as defined ~~in any one of claims 1 to~~ claim 4.

20. (Cancelled).